

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
28 April 2005 (28.04.2005)

PCT

(10) International Publication Number
WO 2005/039192 A1

(51) International Patent Classification⁷: **H04N 13/00**,
G03B 35/26

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(21) International Application Number:
PCT/BE2004/000150

(81) Designated States (*unless otherwise indicated, for every
kind of national protection available*): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

(22) International Filing Date: 21 October 2004 (21.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/513,274 21 October 2003 (21.10.2003) US

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

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Declaration under Rule 4.17:

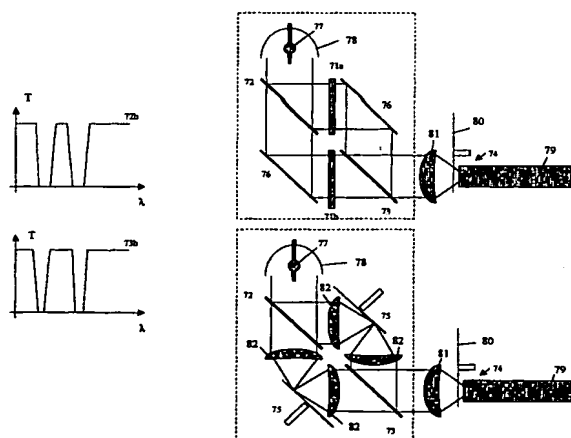
— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *with international search report*

[Continued on next page]

(54) Title: METHOD AND DEVICE FOR PERFORMING STEREOSCOPIC IMAGE DISPLAY BASED ON COLOR SELEC-
TIVE FILTERS



(57) Abstract: In one aspect, the present invention relates to a stereoscopic projection system comprising a projection device with a least one filter which filters a parameter of the light in a color selective manner. The at least one filter which filters a parameter of the light in a color selective manner has a spectral characteristic for transmitting light in a first wavelength band or set of wavelength bands and for reflecting light in a second wavelength band or set of wavelength bands. The projection device comprises a means, such as e.g. a rotating wheel or a sliding filter, for fast synchronized switching between light in different wavelength bands or sets of wavelength bands. In a further aspect, a stereoscopic projection system is provided in which a combination of a first and a second filter mechanism are used, the first filter mechanism being a filter which filters a parameter of the light in a color selective manner, such as a color selective filter or a color selective retarder, and the second filter mechanism preferably being a polarizer or a shutter.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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